
Network to Controller Message Interface

The XMI messages indicate problems with the communication between the NT8D04 Network Card and the NT8D01 Controller card.

XMI messages

XMI0000 aaaa Message "aaaa" received from a Network Card (NT8D04). The possible messages are:

1. PLL UNLOCK EVENT. The Network card lost synch with the system clock.
2. MSG FROM SHELF x: XPEC ERROR 0001. This error is usually self correcting. It may indicate a double timeslot problem or invalid call teardown.
3. TN READ UNBLOCKED: CNT=x. A number of SSD messages were sent to the PS card but not acknowledged. In order to prevent the locking of the message path, the Network card assumed the message was received.
4. Any of the following three messages:
XNET POLLING FAILURE ON PORT x
RSIG LINK LOST ON PORT #x - REINITIALIZED
R71 DISASTER; CANNOT ALIGN TRANSCEIVERS.

These messages indicate that the Controller is not responding to the Network card polling messages.

1. a. Ignore if message occur when clocks are switched.
- b. If it occurs periodically, switch the clocks.
- c. If it occurs often, replace Network card or clocks

Random XMI000 messages may be generated if excessive Electrostatic Discharges (ESD) are allowed to enter the system. These messages may be safely ignored. Refer to General Maintenance Information (553-3001-500) for ESD avoidance practices.

2. a. If message occurs rarely, ignore it.
- b. If it occurs often, replace the Controller.
3. a. If message occurs rarely, ignore it.
- b. If it occurs often, replace the PS or Network card.
4. a. Check cabling between Controller and Network.
- b. Replace the Controller.
- c. Replace the Network.

In X11 Release 15 and 16, "FRw APx SQy TPz" is output before the text, where "w" is the loop number. This data is not output in X11 Release 17 and later. Messages without text indicate that the Network or Controller card have requested software download.

XMI0001 I s c	Card polling failure. The specified card did not respond to the polling message.
XMI0001 s	Card s in the expansion cabinet has lost connection to the main cabinet.
XMI0002 I s c	Card polling re-established.
XMI0002 XFIL 1	Main fiber interface (MFI) local is operational.
XMI0002 XFIR 2	Expansion fiber interface (EFI) remote is operational in first expansion cabinet.
XMI0002 XFIR 3	Expansion fiber interface (EFI) remote is operational in second expansion cabinet.
XMI0003 I s ts	Continuity failed on timeslot ts.
XMI0004 loop	Loop generated too many XMI messages. Output of XMI000 has been stopped.
XMI0005 L A S T t	No message registers available in the idle queue. The printing this message is disabled for one hour. Where: L = Loop or superloop number A = Application number for this message S = Sequence field for this message T = Type of message t = time of this message: hh:mm:ss dd/mm/yy format
XMI0006 loop	Five or more write attempts to Network Card L failed. Action: Check the Network Card status.

XMI0007	Card type does not match the data base.
XMI0008	Card is not defined in the data base.
XMI0100	The loop specified in the query request is invalid; that is, it is not a superloop, nor is it XI_LOOP_NONE.
XMI0101	Trying to read/write to a disabled XNET/non-XNET loop.
XMI0102 card	Card slot printed is not allowed for the type of pack inserted. This is mainly for the Option 11 DTI/PRI card which can only be used in slots 1 to 9 in the basic cabinet.
XMI0103	The number of TNs created has exceeded the number of TNs allowed.
XMI0104	Card is equipped in an expansion slot but there is no expansion cartridge on the CPU.